

## **ABSTRACT**

### **A SYSTEM FOR MONITORING CONNECTION PATTERN OF DATA PORTS**

The present invention determines and monitors the connection pattern of data ports which are connected by multiconductor cables. An adapter jacket having an external contact is placed over a standardized cable such as an RJ45 cable which connects the data ports. An adapter board having a plurality of socket contacts is placed adjacent a plurality of data ports. An output and input module are coupled to the socket contacts. A micro-processor which is coupled to the output and input module scans the socket contacts to determine the connection pattern of the data ports.